

ABSTRACT

PATENT OF INVENTION OF A CONTINUOUS VERTICAL PROCESSOR

The object of this patent refers to a continuous vertical processor for meat wastes, deriving from animal slaughter, for the obtention of industrial fats and meat and bone flours, for the manufacture of fodders.

Basically, it consists of a cylindrical structure (1), with 12 sealed separators (12) in the interior thereof, heated by steam pipes (15) furnished with sluicegates (14), which communicate with each other. The vertical axis (8), where the mixing paddles are fixed, goes through the center.

On the top portion thereof there is a product-input-sluicegate (5), together with a chopper (6), and, on the bottom portion thereof, an output-sluicegate (9), on the bottom part of the tilted cylindrical equalizing vat (10), which is filled with molten hot fat, in its bottom portion .

Inside the vat there is a helicoid conveyor (17) and, next to the highest end thereof, there is an output-sluicegate (11) and an exhaust pipe for excess fat (18).

Inside each stage there is a gas exhaust pipe (16), for gases collected by the gas-output-pipe (4).